BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name Of Work :- Detailed Estimate for Providing and laying ACSR/abc street light wires and switches in ward no.3

Budget Head .....

Division No..... Estimate No. ..... For Rs.= 500000.00

Sl. No.	Description of Work	Qty.	Rate Rs. Ps.	Unit	Amount
1	Digging of Pits 1.8 mtr depth for errection of 9 to 10mtr Long Steel/RCC/PSC supports as per approved Drawing.Ordinary Soil	6	378.00	Nos	2268.00
2	Erection of steel supports 9.0 to 10.00 mtr long suchas 22.68 kg (50 lbs) Rail, 27.22 kg (60 Lbs) Rail IBeam of sizes 200x100mm, 175x90 mm, 125x100mm. Fabricates poles tubular poles in pits of 1.8 mtrDepth, Aligning, Refilling with soil and ramming asapproved drawing	6	304.00	Nos	1824.00
3	Pole concreting with CC 1:2:4 (without coping) f) 8mtrs support (400x400x1500mm)	6	982.00	Nos	5892.00
4	Any Dismantling work 90% of the corresponding erection charges(304x90%=273.6)	6	273.60	Nos	1641.60
5	Transportation using 7.5/10 Tons Lorry Rs. 23 per Kms subjected to a minimum of Rs. 1200/-per day (shifting of Panel boards & Poles)	6	1200.00	Nos	7200.00
6	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole .8Mtr and above street light pole.	6	700.00	Nos	4200.00
7	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM KPWD ELE SR 2014-15	1000	143.00	Per Mtr	143000.00
8	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	1000	10.30	Per Mtr	10300.00
9	Supplying and stringing of ACSR Conductor (6/2.59mm Al +1/2.59mm Steel).34/5.11 KPWD ELE SR 2014-15	2000	30.00	MTR	60000.00
10	2 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - MS	70	162.00	Nos	11340.00
11	1.1 KV Pin Insulator 34/5.9.1 KPWD ELE SR 2014-15	70	44.00	Nos	3080.00
12	No. 8 Strain Insulator 33/5.4.3 KPWD ELE SR 2014-15	20	14.00	Nos	280.00
13	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.26/5.14.1	16	4530.00	Each	72480.00
14	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	16	1917.00	Each	30672.00

15	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm	500	150.00	Mtrs	75000.00
16	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm	500	30.00	Mtrs	15000.00
17	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.	380	76.00	Mtrs	28880.00
18	**GST 12% ON item no 13 to 17**				26643.84
19	Misleniuos				298.56
	Total Rs				500000.00

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on AR/2019-20 / , BESCOM SR approved rates

C.N. Reddy
Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
YELAHANKA DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. 500000=00
RUPEES FIVE LAKH ONLY
is accorded P 3254 MAINTENANCE OF COMMUNITY HALL [ELECT-RICAL 32 COMMUNITY HALLS]
Registered as EI 33/2019-20 Subject to conditions co
No. BBMP/EE(E)E/42/AS/33/2019-20
Dt 18-12-2019
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 500000=00
Rupees FIVE LAKH ONLY
Under P 3254 MAINTENANCE OF COMMUNITY HALL [ELECTRICAL]
Registered as 20/2019-20
Subject
enclosed
DL 18-12-2019
BBMP/EE(E)E/42/TS/20/19-20
Dated 18-12-2019 Rs. 500000=00
Executive Engineer